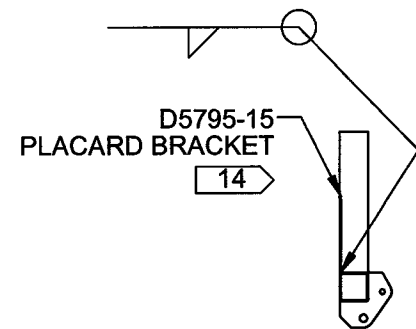
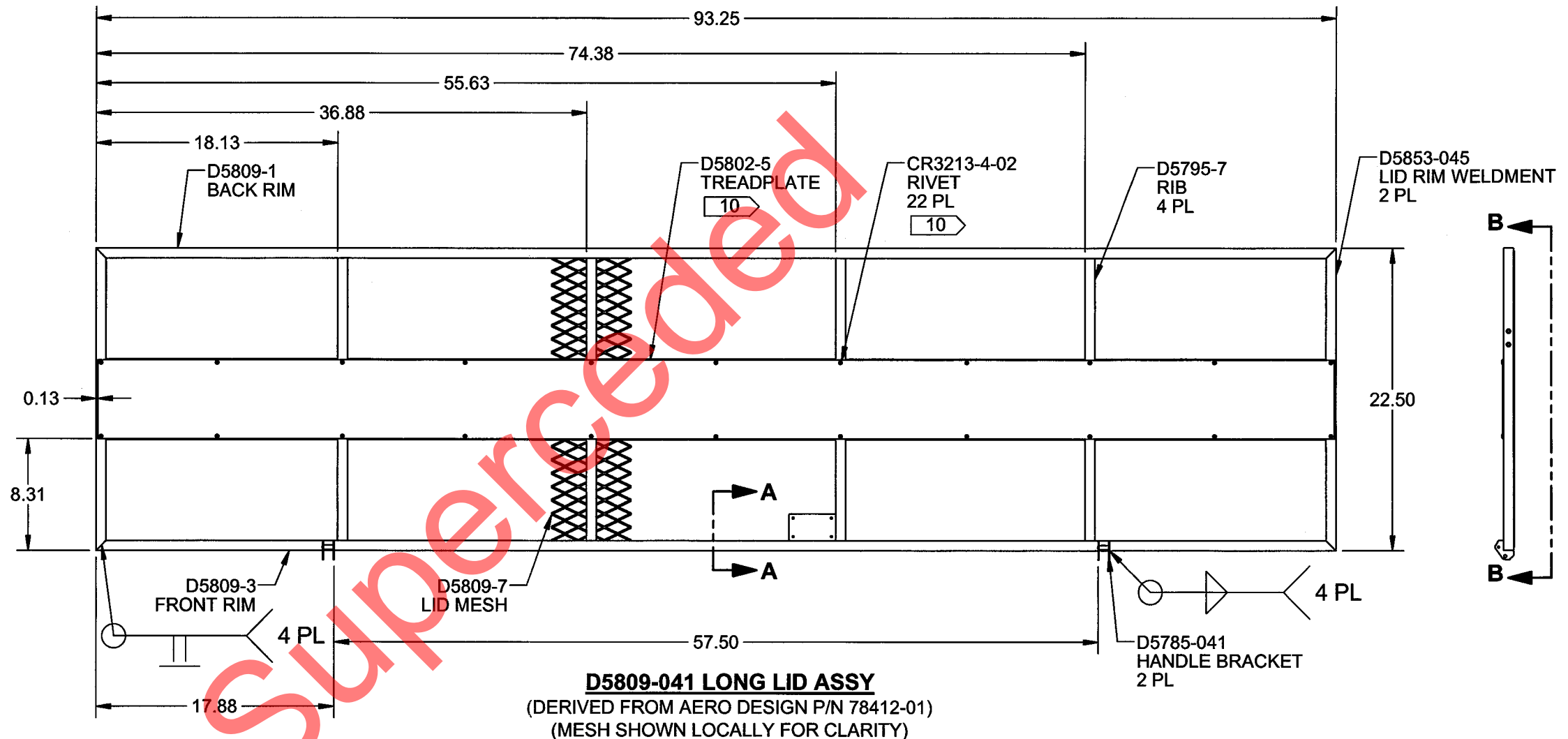


QTY -041	P/N	DESCRIPTION
X	D5809-041	LONG LID ASSY
2	D5785-041	HANDLE BRACKET
4	D5795-7	RIB
6	D5795-11	STRINGER
1	D5795-15	PLACARD BRACKET
1	D5802-5	TREADPLATE
1	D5809-1	BACK RIM
1	D5809-3	FRONT RIM
4	D5809-5	STRINGER
1	D5809-7	LID MESH
2	D5853-045	LID RIM WELDMENT
22	CR3213-4-02	RIVET



SECTION A-A
SCALE 2X



D5809-041 LONG LID ASSY
(DERIVED FROM AERO DESIGN P/N 78412-01)
(MESH SHOWN LOCALLY FOR CLARITY)

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3.
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
- 7) WEIGHT: 22.67 lbs
- 8) WELD PER DART QSI 004. IT IS PERMISSIBLE TO BUFF OR GRIND TO CLEAN UP WELDS
- 9) DRILL #30 (Ø0.129) VENT HOLES AS REQUIRED. FILL ALL EXPOSED VENT HOLES WITH ROSETTE WELD PRIOR TO FINISH.
- 10) INSTALL TREADPLATE AFTER FINISH. TRANSFER MARK AND DRILL HOLES Ø0.129 +0.003/-0.000 FROM TREADPLATE TO LID. FAY SEAL SURFACES BETWEEN LID AND TREADPLATE WITH RTV SILICONE. SECURE TREADPLATE WITH RIVETS.
- 11) WELD EVERY MESH INTERSECTION ALONG RIM.
- 12) FOR EACH RIB, WELD FIRST 5 MESH INTERSECTIONS DOWN EACH END THEN EVERY 2ND MESH INTERSECTION MINIMUM.
- 13) ALIGN STRINGERS TO TOP OF LID.
- 14) LOCATE D5795-15 PLACARD BRACKET FLUSH WITH BOTTOM OF LID. TRIM MESH TO CLEAR BRACKET LEAVING 0.25 OVERLAP. WELD MESH TO BRACKET.

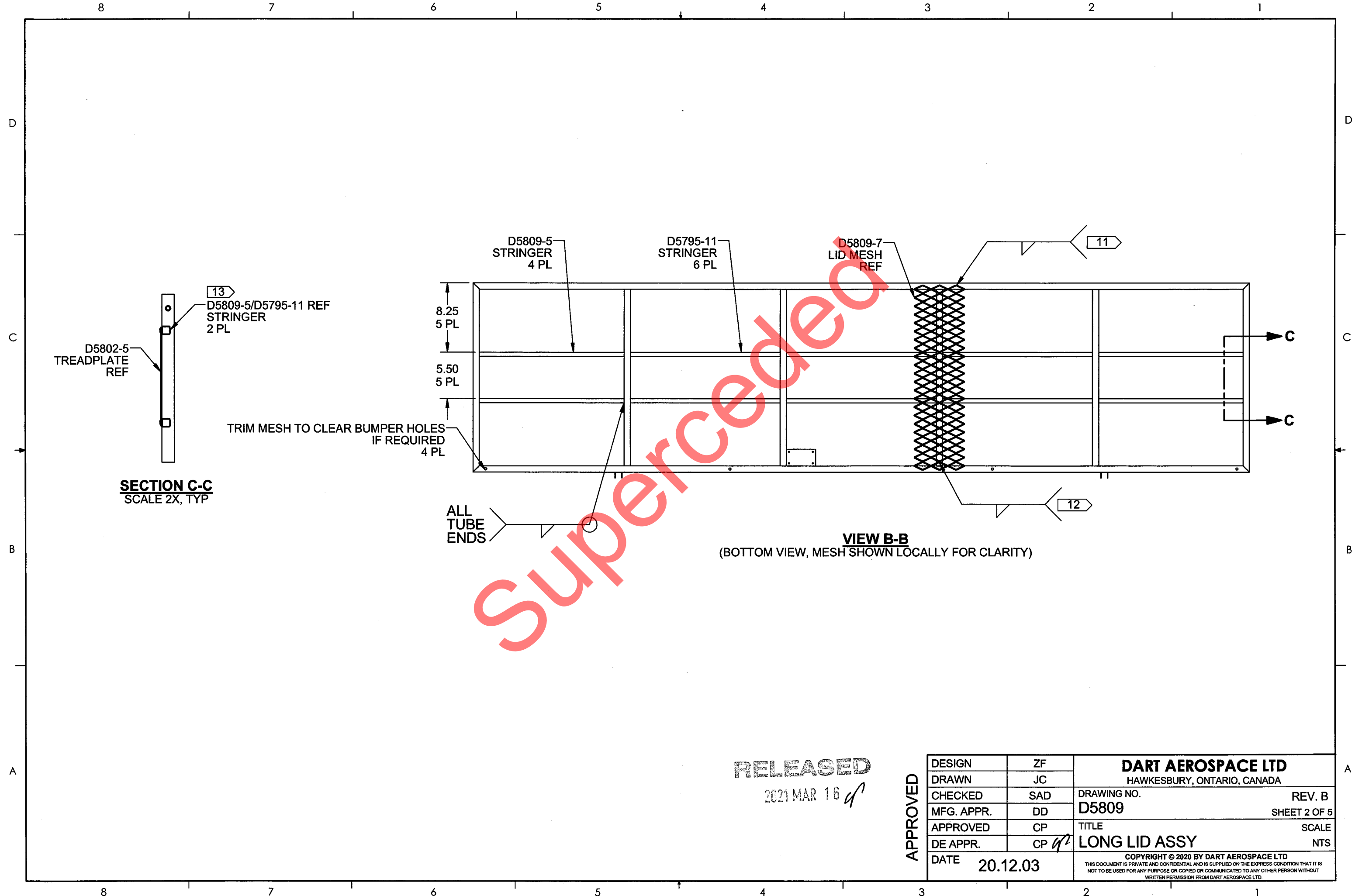
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2021 MAR 16

ECR 21-132

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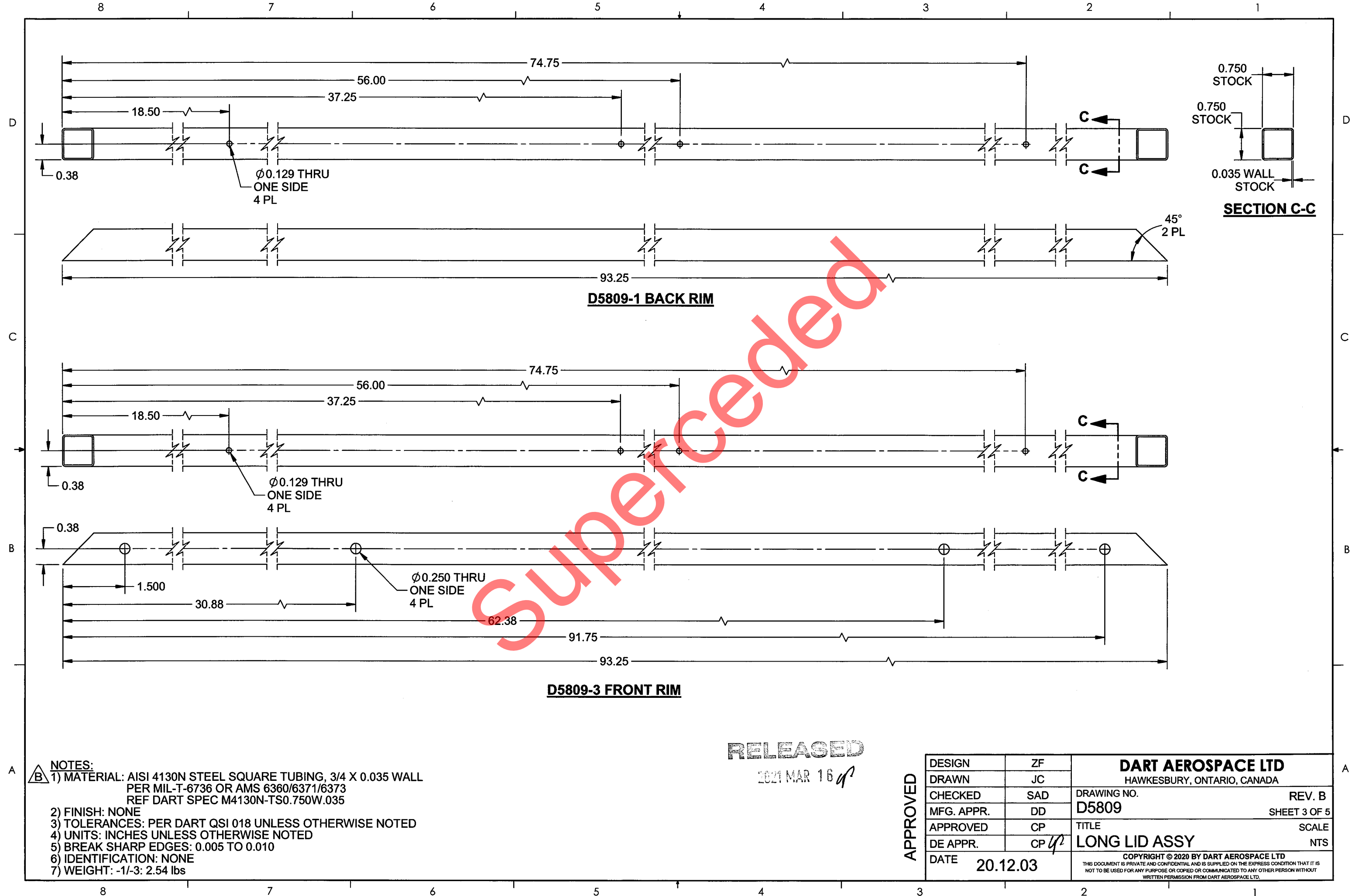
B	SHT 1: REMOVED NOTE 13. SHT 2 ZNB3: REMOVED WELD SYMBOL FOR MESH TO STRINGER. SHT 3&4: UPDATED NOTE 1. SHT 5: ADDED NOTE 8.	JC	20.12.03
A	NEW ISSUE	ZF	20.01.21
REV.	DESCRIPTION	BY	DATE
DESIGN	ZF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JC		
CHECKED	SAD	DRAWING NO. REV. B	
MFG. APPR.	DD	D5809 SHEET 1 OF 5	
APPROVED	CP	TITLE SCALE	
DE APPR.	CP	LONG LID ASSY NTS	
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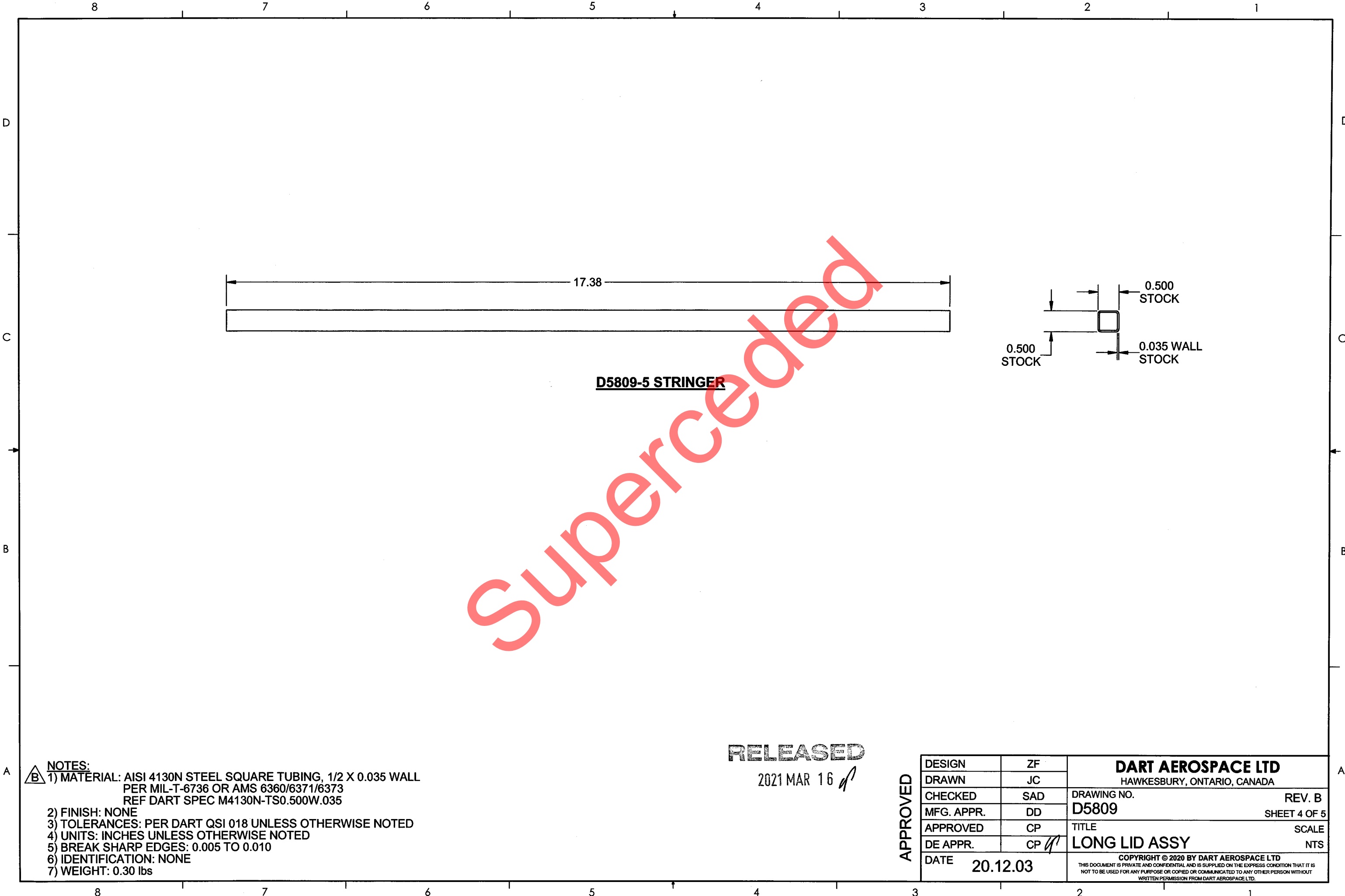


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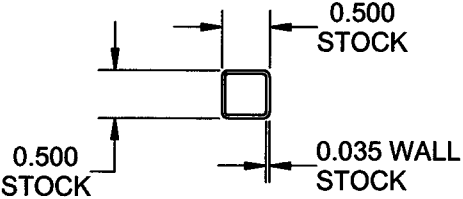
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DESIGN	ZF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JC		
CHECKED	SAD	DRAWING NO. D5809	REV. B
MFG. APPR.	DD		SHEET 2 OF 5
APPROVED	CP	TITLE	SCALE
DE APPR.	CP <i>g2</i>	LONG LID ASSY	NTS
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D5809-5 STRINGER



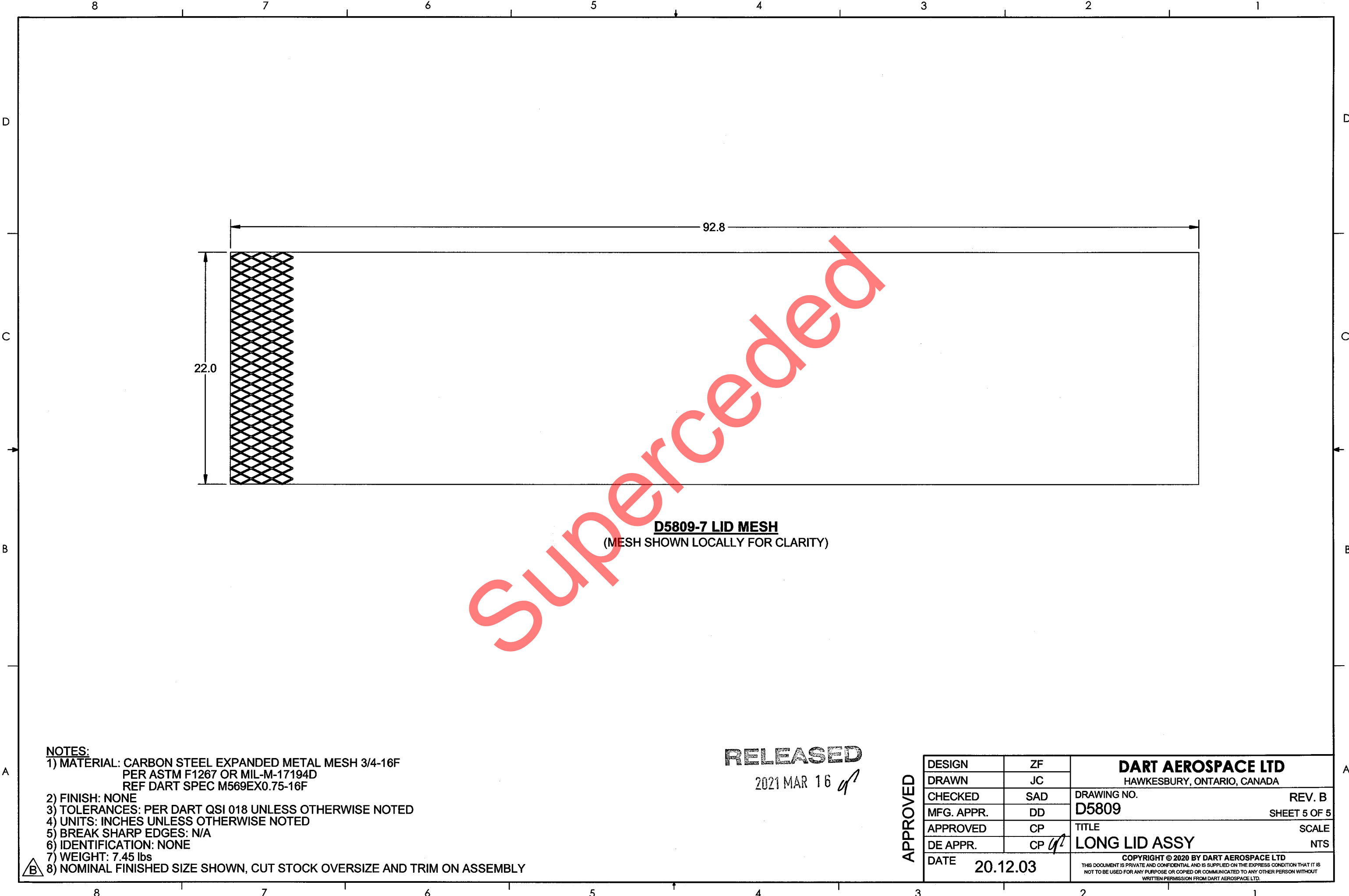
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- NOTES:**
- 1) MATERIAL: AISI 4130N STEEL SQUARE TUBING, 1/2 X 0.035 WALL
PER MIL-T-6736 OR AMS 6360/6371/6373
REF DART SPEC M4130N-TS0.500W.035
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: 0.30 lbs

DESIGN	ZF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JC		
CHECKED	SAD	DRAWING NO.	REV. B
MFG. APPR.	DD	D5809	SHEET 4 OF 5
APPROVED	CP	TITLE	SCALE
DE APPR.	CP	LONG LID ASSY	NTS
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D5809-7 LID MESH
(MESH SHOWN LOCALLY FOR CLARITY)

- NOTES:
- 1) MATERIAL: CARBON STEEL EXPANDED METAL MESH 3/4-16F
PER ASTM F1267 OR MIL-M-17194D
REF DART SPEC M569EX0.75-16F
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: N/A
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: 7.45 lbs
 - 8) NOMINAL FINISHED SIZE SHOWN, CUT STOCK OVERSIZE AND TRIM ON ASSEMBLY

RELEASED
2021 MAR 16 *af*

APPROVED

DESIGN	ZF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JC		
CHECKED	SAD	DRAWING NO.	REV. B
MFG. APPR.	DD	D5809	SHEET 5 OF 5
APPROVED	CP	TITLE	SCALE
DE APPR.	CP <i>af</i>	LONG LID ASSY	NTS
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